## New England Biolabs
### Certificate of Analysis

**Product Name:** HinP1I  
**Catalog #:** R0124S/L  
**Concentration:** 10,000 units/ml  
**Unit Definition:** One unit is defined as the amount of enzyme required to digest 1 µg of Lambda DNA in 1 hour at 37°C in a total reaction volume of 50 µl.  
**Lot #:** 0201707  
**Assay Date:** 07/2017  
**Expiration Date:** 07/2019  
**Storage Temp:** -20°C  
**Storage Conditions:** 50 mM KCl, 10 mM Tris-HCl (pH 7.4), 1 mM DTT, 0.1 mM EDTA, 50% Glycerol, 200 µg/ml BSA  
**Specification Version:** PS-R0124S/L v1.0  
**Effective Date:** 20 Aug 2013

### Assay Name/Specification (minimum release criteria)

<table>
<thead>
<tr>
<th>Assay Name/Specification</th>
<th>Lot #0201707</th>
</tr>
</thead>
<tbody>
<tr>
<td>Exonuclease Activity (Radioactivity Release)</td>
<td>Pass</td>
</tr>
<tr>
<td>Ligation and Recutting (Terminal Integrity)</td>
<td>Pass</td>
</tr>
<tr>
<td>Non-Specific DNase Activity (16 Hour)</td>
<td>Pass</td>
</tr>
</tbody>
</table>

* The BSA in this product has been granted an EDQM "Certificate of Suitability" from the European Directorate for the Quality of Medicines (# R1-CEP-2003-204-Rev00) and has been granted a USDA Certificate for Export of Bovine Blood Plasma/Serum for Manufacture into Pharmaceutical Products.

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**Authorized by**  
Derek Robinson  
20 Aug 2013

**Inspected by**  
Stephanie Cornelio  
07 Jul 2017